

Example Metrics, Tools, and Scales for Biological Criteria
(the following are hypothetical examples of how metrics, tools, and
scales may be formatted)

Location in Handout #1 Options Evaluation Outline:

Section 2.0 Evaluation Methods

Section 2.3 Biological Criteria

CRITERION 1: Relative degree to which the Option would reduce species mortality attributable to non-natural mortality sources, in order to enhance production (reproduction, growth, survival), abundance, and distribution for each of the covered fish species (BDCP Conservation Objective).

METRIC: Old and Middle River flows

TOOL: Based on hypothesized correlations between flow and CVP/SWP delta smelt salvage

SCALE: Ranked from greatest to least net westerly flows

CRITERION 2: Relative degree to which the Option would increase habitat quality, quantity, accessibility, and diversity in order to enhance and sustain production (reproduction, growth, survival), abundance, and distribution; and to improve the resiliency of each of the covered species' populations to environmental change and variable hydrology (BDCP Conservation Objective).

METRIC: Position of X2

TOOL: Based on hypothesized correlation between X2 and indices of abundance during early spring and summer for longfin smelt

SCALE: Ranked from the most easterly to most westerly X2 position